Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 01 Nov 2023 until 23:59 on Thursday 02 Nov 2023

Forecast Issued on Tuesday 31 Oct 2023 at 15:41

Confidence: High for unsettled conditions through Wednesday and Thursday but lower for details due to uncertainties over exact track of Storm Ciaran. Medium confidence for rather more settled later in week.

Headline for Wednesday 01 Nov 2023: Early rain then showers. Breezy

Mountain weather hazards on Wednesday 01 Nov 2023

Blizzards
No Likelihood

Gales
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain	Heavy Rain	Light rain	Light rain showers	Heavy rain showers	Light rain showers	Partly cloudy (night)
Precipitation probability							
30%	90%	90%	60%	30%	50%	30%	20%

Forecast for Wednesday 01 Nov 2023

Weather: Mostly cloudy overnight with occasionally heavy rain spreading northeast. Early, occasionally heavy, rain clearing northeast through the morning with sunny spells and occasionally heavy, perhaps thundery, showers developing by midday, the showers most frequent across western hills, with the best of any sunnier spells in the east. Further showers through the evening, these dying out later.

Chance of cloud-free hill tops above 600m: Little chance at first rising becoming around 75% by late morning, chances fall to around 25% in the west for a time in the afternoon.

Low Cloud and visibility: Periods or persistent 450-600m at first becoming more occasional above 600-750m, but becoming, especially in the west, periods above 600m in heavier showers. Otherwise visibility very good falling to several kilometres in rain and heavier showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Wednesday 01 Nov 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/21 E	16/24 E	17/25 SE	20/29 S	20/30 S	25/37 SW	21/32 SW	18/28 S	14/21 SE
300	9/21 E	11/24 E	9/23 SE	12/26 S	13/27 S	16/33 SW	12/26 SW	10/22 S	7/18 SE
Valley	10/23 E	12/29 E	12/28 SE	11/25 S	12/25 S	14/29 SW	10/23 SW	10/22 S	9/20 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/0	5/0	6/2	8/4	8/3	6/0	5/-1	4/-2	3/-2
300	7/4	7/4	8/6	10/8	10/8	8/5	7/4	6/2	5/2
Valley	8/5	9/6	10/7	12/10	12/9	10/7	8/6	7/4	6/3
Freezing Level*	1700m	2100m	2200m	2000m	1600m	1400m	1300m	1200m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 50mph over ridges and summits, with an increasing chill effect through the afternoon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 31 Oct 2023	7.2mm	15mm	27.6mm

Forecast for Thursday 02 Nov 2023

Weather: Mainly dry at first with clear spells, but cloud increasing through the early hours with outbreaks of rain spreading north towards dawn. Then a mostly cloudy day with further outbreaks of rain, the best of any brighter, drier spells expected across western hills.

Maximum wind: Southeasterly 15-20mph soon backing northeasterly 30mph, with risk of gusts 55mph over ridges and summits by dawn, winds backing more northerly and easing 15-20mph through the afternoon.

Chance of cloud-free hill tops above 600m: Around 40% in the west, otherwise little chance through much of the day.

Low Cloud and visibility: Periods or persistent above 450-600m, but more occasional above 600-750m at times in the south and west. Away from cloud visibility good falling several kilometres in rain.

Temperature: **Valleys:** Around plus 5 Celsius rising to plus 10 Celsius
At 600m: Around plus 4 or 5 Celsius
Freezing level: Above the summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.